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	TRANSMITTAL FORM		Application Number	10/750,988
			Filing Date	January 2, 2004
			First Named Inventor	Klaus Hartig
			Group Art Unit	1762
			Examiner Name	Bareford, Katherine A.
Number of Pages in This Submission		28	Attorney Docket No.	44046.203.214.1

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below)
Remarks: <div style="border: 1px solid black; height: 40px; width: 100%;"></div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Fredrikson & Byron, P.A.		
Signature			
Printed Name	Frank P. Piskolich		
Date	March 10, 2006	Reg. No.	52,123

CERTIFICATE OF MAILING

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Signature		Date	March 10, 2006
Typed or printed name	Melissa Dahmen		

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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	Attorney Docket: 44046.203.214.1
)	
KLAUS HARTIG)	
)	Examiner: Bareford, Katherine A.
Serial No.: 10/750,988)	
)	Group Art Unit: 1762
Filed: January 2, 2004)	
)	
For: PLASMA SPRAY SYSTEMS AND METHODS OF UNIFORMLY COATING)	
ROTARY CYLINDRICAL TARGETS)	

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

In response to the Office Action mailed December 12, 2005, please amend the above-identified application as set forth below.

Amendments to the Claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 16 of this paper.